

Listing Of Claims:

This listing of claims will replace all prior versions and listings of claims.

8. (Currently Amended) A coil assembly for an electroacoustic transducer, comprising:

a coil having a coil opening defining an axis therethrough; and

an electric circuit board wherein at least a surface portion thereof is positioned against said coil in a substantially perpendicular relationship to said axis.

9. (Currently Amended) The coil assembly of claim 8, wherein said electric circuit board is flexible.

10. (Currently Amended) The coil assembly of claim 8, wherein said electric circuit board is rigid.

11. (Currently Amended) The coil assembly of claim 8, wherein said electric circuit board includes an opening, said opening of said electric circuit board being substantially aligned with said coil opening.

12. (New) The coil assembly of claim 8, wherein said surface portion of said electric circuit board is positioned against said coil by adhesion.

13. (New) The coil assembly of claim 12, wherein said adhesion is glue.

14. (New) The coil assembly of claim 8, wherein said electric circuit board includes electronics for signal processing.

15. (New) The coil assembly of claim 8, wherein said electric circuit board is electrically connected to said coil via lead wires.

16. (New) A coil assembly for an electroacoustic transducer, comprising:
a coil having a coil opening defining an axis therethrough; and
an electric circuit board wherein at least a surface portion thereof is positioned against said coil in a substantially perpendicular relationship to said axis, said electric circuit board including signal processing electronics.
17. (New) The coil assembly of claim 16, wherein said electric circuit board is flexible.
18. (New) The coil assembly of claim 16, wherein said electric circuit board is rigid.
19. (New) The coil assembly of claim 16, wherein said electric circuit board includes an opening, said opening of said electric circuit board being substantially aligned with said coil opening.
20. (New) The coil assembly of claim 16, wherein said surface portion of said electric circuit board is positioned against said coil by adhesion.
21. (New) The coil assembly of claim 16, wherein said electric circuit board is electrically connected to said coil via coil lead wires.